

# INSTALLATION INSTRUCTIONS

FOR AIR DUCTS & AIR CONNECTORS WITH PLAIN ENDS  
SEE REVERSE SIDE FOR DETAILED INSTALLATION METHOD

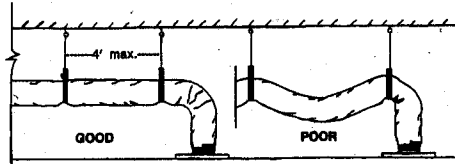


FILES:MH11637;MH12148

- Use (min. 2" wide) duct tapes listed and labeled in accordance with Standard UL 181B and marked "181B-FX"
- Approved Clamps: Nylon - Catamount Type L-175; Panduit Type H; Malco Type TY; Duro Dyne Type DN;  
All States Type DC  
Metal - 1/2" wide of aluminum, stainless steel or galvanized steel.
- Check connections by pulling on the duct with approx. 25 lb. force.
- Do not exceed pressure and velocity limits printed on duct.
- Installed length restrictions: Air Duct - none; Air Connector - 14' max.

## MANUFACTURERS INSTALLATION RECOMMENDATIONS

- 1) Exposure to direct sun/ultraviolet light will cause jacket deterioration. Avoid locations where sunlight enters through skylites, turbine vents, windows, etc.
- 2) To avoid unnecessary friction loss install duct fully extended; do not install in compressed state.
- 3) The inside radius of any bend should not be less than 1/2 the ID of the duct.
- 4) The duct should be supported at 4' maximum intervals by means of 1.5" minimum width straps, ceiling joists, truss supports or other hanging devices as approved by the local code jurisdiction.



- 5) When mastics are required by local code authority or utility, use mastics listed and labeled in accordance with Standard UL-181B and marked UL-181B-M.
- 6) Repair any tears in the outer jacket with approved tape.
- 7) Additional information can be found in the Uniform Mechanical Code(UMC) and The Air Diffusion Council's Flexible Duct Performance & Installation Standard-(Green Book)

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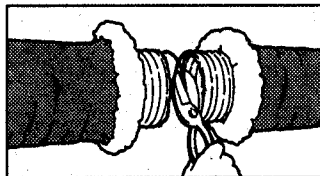


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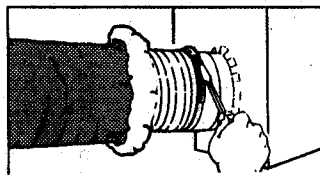
## INSTALLATION INSTRUCTIONS Air Ducts and Air Connectors Nonmetallic with Plain Ends

### CONNECTIONS

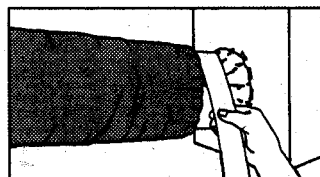
1. After desired length is determined, cut completely around and through duct with knife or scissors. Cut wire with wire cutters.



2. Pull back jacket and insulation from core. Slide at least 1" [25 mm] of core over collar, pipe or fitting. Tape core with at least 2 wraps of duct tape. Secure with clamp.

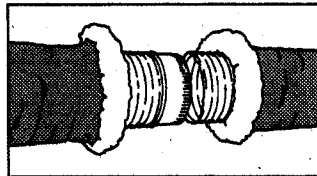


3. Pull jacket and insulation back over core. Tape jacket with at least 2 wraps of duct tape. A clamp may be used in place of or in combination with the duct tape.

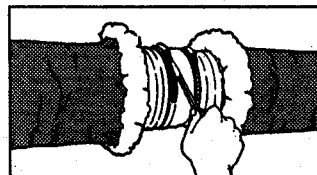


### SPLICES

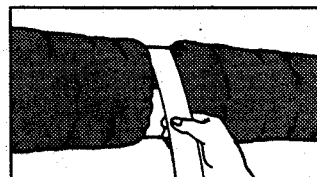
1. Peel back jacket and insulation from core. Butt two cores together on a standard 4" [100 mm] metal sleeve.



2. Tape cores together with at least 2 wraps of duct tape. Secure with 2 clamps.



3. Pull jacket and insulation back over cores. Tape jackets together with at least 2 wraps of duct tape.



#### NOTES:

1. For uninsulated air ducts and air connectors, disregard references to insulation and jacket.
2. Use beaded fittings for pressures exceeding 2" w.g. [500 Pa] and for diameters 12" [300 mm] and larger.
3. Use tapes listed and labeled in accordance with Standard UL 181B and marked "181B-FX".
4. Use clamps as specified on manufacturer's UL 181 installation instructions.

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Rev. 1096